

SYSTECH INTERNATIONAL

6681 SOUTH COTTONWOOD, SUITE 1
MURRAY, UT 84107



Date: March 14, 2013

To: Joyce Fiore
DEM, RI

From: Frank Ofiero
SysTech International, LLC.

The following is a summary of the RI Vehicle Inspection Program audits performed by SysTech International in support of the documentation already delivered.

1. **Covert Vehicle Audits** – 50 Per Year – SysTech Performed 50 audits with a vehicle that was modified to fail as per the stated requirements. The audit documents have been delivered to DMV and DEM.
2. **Covert Visual Audits** – 1 Per Year Per Station – Systech performed 1/Year/Station for a total of 291 covert visual audits. The documents have been delivered to DMV and DEM.
3. **Overt Station Audits** – 1 Per Quarter Per Station – Systech performed quarterly audits for all stations each quarter, including inactive stations, for a total of 1201 overt station audits. Copies of the signed original documents have been delivered to DMV.
4. **Gas bench Audits** – 1 Per Year Per Station – Systech performed 291 gas bench audits in 2012, auditing all active stations. The documents are electronically maintained at the Systech Rhode Island office and a printed copy was submitted to DMV and DEM.
5. **VMAS Audits** – 1 Per Year Per Station – Systech performed 291 VMAS audits in 2012. Each VMAS was tested for calibration at the AIRS station and replaced with a tube that had undergone SAO calibration if required. The documentation is filed at the SysTech Rhode Island office.
6. **Data Audits** – During 2012, In addition to automated data analysis auditing, SysTech performed 468 data analysis audit requests from DMV that scanned the online emissions test database and/or the online emissions analyzer and reported via email notifications to DEM and DMV when a suspicious test occurred. SysTech supplied all the supporting documentation, the hearing forms used when the test station owners were brought to a hearing at DMV and suspended from testing.

COVERT AUDIT REPORT

STATION / INSPECTOR

Inspection Station:

Sta # 170 MASTER CARE CENTER
400 BALD HILL ROAD
WARWICK RI 02886
Phone#: 738-1661

Inspector:

CIT1040 John McCarthy
400 Bald Hill Road
Warwick RI 02886

VEHICLE

Year Make Model: 2000 Toyota Corolla

Plate No.: 614913 **VIN:** 1NXBR12E7YZ3456 **Fuel Type:** Gas **Drive Type:** FWD

PRE-AUDIT VEHICLE CONDITION VERIFICATION

Date: 10/1/2012

Location: DMV

Safety Result: Pass

Emmissions Result: Pass

MIL Commanded: Pass

MIL Functionality: Pass

Fuel Cap Result: Pass

Description of Defects Present:

None

Rear shoes at 3/32" (Sufficient for inspection)

AUDIT RESULTS

Date: 10/3/2012

Inspection Result: Fail

Raised Vehicle On Lift? Yes

Inspection Observed? Yes

Inspector Appeared Knowledgeable? Yes

Emissions Inspection Performed Properly? Yes

Proper Inspector Performed Test? Yes

Proper Information Entered Into Analyzer? Yes

Proper Fuel Cap Inspection? Yes

Safety Inspection Performed Properly? No

Covert Auditor Identified? No

VIOLATIONS

Vehicle failed for wipers when no defects were present

Vehicle failed for rear brakes when measuring greater than 1/32"

Failed for rear drums when in spec

COMMENTS

Inspector failed me for wiper blades and rear brakes.

Auditor's Signature _____

Program Manager _____

COVERT AUDIT REPORT

STATION / INSPECTOR

Inspection Station:

Sta # 988 Kelly's Auto
200 Charles Street
Providence RI 02904
Phone#: 397-0003

Inspector:

CIT9245 Brendon Kelly
200 Charles Street
Providence RI 02904

VEHICLE

Year Make Model: 2000 Toyota Corolla

Plate No.: 614913 **VIN:** 1NXBR12E7YZ3456 **Fuel Type:** Gas **Drive Type:** FWD

PRE-AUDIT VEHICLE CONDITION VERIFICATION

Date: 12/10/2012

Location: DMV

Safety Result: Fail

Emmissions Result: Fail

MIL Commanded: Fail

MIL Functionality:

Fuel Cap Result: Fail

Description of Defects Present:

Left Hi beam out, Parking brake not holding
M.I.L bulb removed, Bank 1 O2 sensor defective
Evap leak at service port, O-ring missing from fuel cap
DTCS: P0125 AND P0135

AUDIT RESULTS

Date: 12/10/2012

Inspection Result: Fail

Inspection Observed? Unclear

Emissions Inspection Performed Properly? Yes

Proper Information Entered Into Analyzer? Yes

Safety Inspection Performed Properly? No

Raised Vehicle On Lift? Yes

Inspector Appeared Knowledgeable? Yes

Proper Inspector Performed Test? Yes

Proper Fuel Cap Inspection? No

Covert Auditor Identified? No

VIOLATIONS

Improper gas cap inspection (O ring missing)
Improper KOEO test (MIL bulb not functional)
Passed vehicle with faulty parking brake

COMMENTS

Auditor's Signature _____

Program Manager _____



COVERT VISUAL AUDIT REPORT

Station Name: _____ Pat's Service _____

Station Number: _____ 001 _____

Station Inspector Name: _____ N/A _____

Station Inspector Number: _____ N/A _____

Vehicle Year, Make, Model: _____

VIN: _____

Emissions Type: Transient _____ Two-Speed Idle _____ OBD _____

Reason for Audit: Agency Request _____ Motorist Complaint _____
Overt/ Visual Audit: _____ Data Analysis _____ Other X _____

PLEASE ATTACHED VEHICLE INSPECTION REPORT IF INSPECTION WAS
WITNESSED

Audit Observations

Yes No Unclear

_____	<u>X</u>	_____	Covert Auditor observed inspection
_____	_____	_____	Emissions inspection appeared to be performed properly
_____	_____	_____	Fuel cap pressure test performed properly
_____	_____	_____	Safety inspection was performed properly
_____	_____	_____	Proper information entered into workstation
_____	_____	_____	Workstation appears to be properly operated and maintained
_____	_____	_____	Inspectors appear to be properly trained and knowledgeable
_____	_____	_____	The inspector identified on VIR appears to be the inspector that performed the inspection
_____	_____	_____	Covert auditor may have been identified during audit

Covert Auditor Comments/Observations: **No vehicle inspections performed while under observation.**

Auditor Signature: _____ Date: 10/3/12 _____

Program Manager: Frank Olivero Date: 10/3/12 _____

SysTECH INTERNATIONAL

114 MINNESOTA AVE., SUITE 2
WARWICK, RI 02888

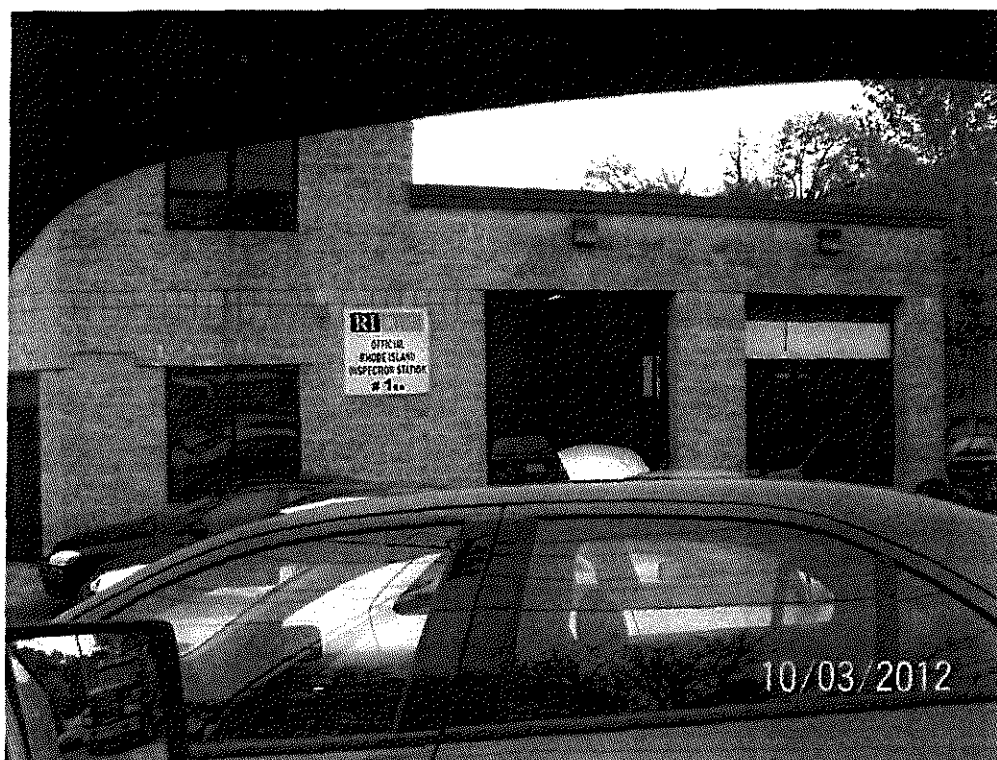


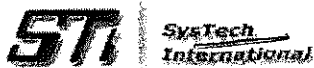
SysTech
International

Covert Visual Audit Sheet

STATION NAME: Pat's Auto West Warwick

STATION NUMBER: 1



Time In: **10:00 14-Nov-2012**

Time Out: _____

ERT AUDIT CHECKLISTStation#: **ST000132** Station Name: **NISSAN OF EAST PROVIDENCE**

	YES	NO
Inspection sign posted/visible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sticker printer cabinet locked?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Verify/print ambient readings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verify/print status screen	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Print legibility OK?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Print inspectors changes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conduct data file refresh	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Barcode scanner working?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Check sticker ribbon?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sticker printer working correctly?	<input type="checkbox"/>	<input type="checkbox"/>
Correct gas bottle values?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

High Gas Bottle Exp Date: **13-Oct-2012**Low Gas Bottle Exp Date: **13-Oct-2013****Vehicle Test (if applicable)**

Type of Test (OBD, Trans, TSI) _____

Inspector License # _____

Vehicle license plate _____

	YES	NO
Gas cap test proper?	<input type="checkbox"/>	<input type="checkbox"/>
Emissions test proper?	<input type="checkbox"/>	<input type="checkbox"/>
Safety test proper?	<input type="checkbox"/>	<input type="checkbox"/>
Straps used?	<input type="checkbox"/>	<input type="checkbox"/>
Chocks used?	<input type="checkbox"/>	<input type="checkbox"/>

	PASS	FAIL (type of failure)
Leak Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>

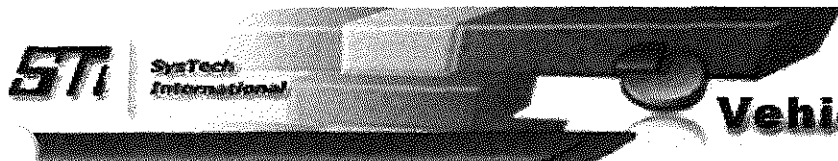
Fuel CapIs calibration tool/good gas cap on tester? ☒Fuel Cap Test ☒All gas cap adapters available? ☒

PASS/YES	FAIL/NO
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Visually Inspect the Following:Bowl filter(s) clean? ☒Proper VMAS hose, connectors? ☒Dyne ramps bolted? ☒Damage to cables (dyne, OBD, V-mas, tach leads) ☒Air regulator set to 80 psi? ☒**Are all voided stickers accounted for?** ☒Date Range **9/10/12 to 11/14/12****List Missing Stickers:**None.**Comments:**Sticker drawer must be locked when not in use.

Acknowledgement: I have reviewed, understand and have had the opportunity to discuss the contents of this audit. My signature indicates I have been advised of the findings but does not signify my agreement or disagreement with the results. I understand that if any stickers are noted missing that I must report this information immediately, in writing to my local police department and the RI DMV Safety and Emissions Control Office, 325 Melrose St. Providence RI 02907. Under penalty of perjury I attest the above information is true to the best of my knowledge.

Authorized Signatures:Owner/Manager: Charlie DabiriDate: 11/14/12Auditor: [Signature]



Rhode Island Vehicle Inspection Program

All Station Audit From 1/1/2012 To 12/31/2012 1201 Audits

	Yes	No	Other
Facilities / Equipment			
Inspections Signs Visible	94.3%	0.2%	5.6%
Sticker Printer Cover In Place	0.4%	0.0%	99.6%
Sticker Printer Cabinet Locked	93.4%	1.4%	5.2%
Verify/Print Ambient Readings	94.8%	0.0%	5.2%
Verify Print Status Screen	94.8%	0.0%	5.2%
Acceptable Print Legibility	94.7%	0.2%	5.2%
Print Inspectors/Changes	94.8%	0.0%	5.2%
Conduct Data File Refresh	94.7%	0.2%	5.2%
Working Bar Code Scanner	93.8%	1.0%	5.2%
Change Sticker Ribbon	94.8%	0.0%	5.2%
Correct Gas Bottle Values	81.8%	12.7%	5.5%
Vehicle Test			
Type of Vehicle Test Performed 0 % OBD, 0 % Transient, 0 % TSI, 0 % Opacity			
Gas Cap Test Proper	0.1%	0.0%	99.9%
Emission Test Proper	0.1%	0.0%	99.9%
Safety Test Proper	0.1%	0.0%	99.9%
Straps Used	0.0%	0.1%	99.9%
Chocks used	0.1%	0.0%	99.9%
Leak Check			
Leak Check	92.6%	2.2%	5.2%
Fuel Check			
Calibration Tool OK	3.4%	91.4%	5.2%
Fuel Cap Calibration	94.7%	0.2%	100.0%
All Gas Cap Testers Available	94.7%	0.2%	5.2%
Visual Inspections			
Cabinet Filter Clean	0.2%	0.2%	99.7%
Bowl Filter Clean	91.8%	2.9%	5.2%
Proper VMass Hose Connectors	94.7%	0.2%	5.2%
Dyne Ramps Bottled	91.8%	3.0%	5.2%
Cable Damage	31.7%	63.1%	5.2%
Correct Air Regulator Pressure	94.5%	0.2%	5.2%
RI Inspection Manual On Site	94.8%	0.0%	5.2%
Sticker Inventory			
All Voided Stickers Accounted For	89.4%	2.6%	8.0%

Rhode Island Vehicle Inspection Program

All Overt Audits From 1/1/2012 To 12/31/2012

Station Name	Station ID	Audit Date	Auditor
1ST STOP	ST000636	2/24/2012 10:30:00 AM	Pelletier, Karen
1ST STOP	ST000636	6/19/2012 03:25:00 PM	Pelletier, Karen
1ST STOP	ST000636	8/29/2012 01:00:00 PM	Pelletier, Karen
1ST STOP	ST000636	11/9/2012 10:40:00 AM	Pelletier, Karen
95 Sunoco	ST000091	1/9/2012 02:50:00 PM	Pelletier, Karen
95 Sunoco	ST000091	4/6/2012 10:35:00 AM	Pelletier, Karen
95 Sunoco	ST000091	7/19/2012 11:10:00 AM	Pelletier, Karen
95 Sunoco	ST000091	10/3/2012 10:10:00 AM	Pelletier, Karen
A Quick Tire And Auto Service Inc.	ST001135	2/8/2012 10:05:00 AM	Pelletier, Karen
A Quick Tire And Auto Service Inc.	ST001135	4/11/2012 12:50:00 PM	Pelletier, Karen
A Quick Tire And Auto Service Inc.	ST001135	8/2/2012 10:10:00 AM	Pelletier, Karen
A Quick Tire And Auto Service Inc.	ST001135	10/10/2012 09:30:00 AM	Pelletier, Karen
AAMCO Transmissions	ST000017	1/2/2012 07:00:00 AM	Pelletier, Karen
AAMCO Transmissions	ST000017	4/2/2012 07:00:00 AM	Pelletier, Karen
AAMCO Transmissions	ST000017	7/1/2012 07:00:00 AM	Pelletier, Karen
AAMCO Transmissions	ST000017	12/14/2012 01:00:00 PM	Pelletier, Karen
ABC Gas 1	ST000166	8/27/2012 12:50:00 PM	Pelletier, Karen
ABC Gas 1	ST000166	10/25/2012 12:20:00 PM	Pelletier, Karen
Academy Cars, Inc.	ST000086	3/20/2012 10:45:00 AM	Pelletier, Karen
Academy Cars, Inc.	ST000086	6/11/2012 11:35:00 AM	Pelletier, Karen
Academy Cars, Inc.	ST000086	9/13/2012 10:25:00 AM	Pelletier, Karen
Academy Cars, Inc.	ST000086	11/26/2012 11:35:00 AM	Pelletier, Karen
ACCU AUTO SERVICE	ST000985	1/30/2012 02:35:00 PM	Pelletier, Karen
ACCU AUTO SERVICE	ST000985	4/19/2012 11:40:00 AM	Pelletier, Karen
ACCU AUTO SERVICE	ST000985	8/15/2012 12:50:00 PM	Pelletier, Karen
ACCU AUTO SERVICE	ST000985	10/30/2012 10:40:00 AM	Pelletier, Karen
AJ Auto Sales	ST000126	2/24/2012 11:15:00 AM	Pelletier, Karen
AJ Auto Sales	ST000126	6/22/2012 11:15:00 AM	Pelletier, Karen
AJ Auto Sales	ST000126	8/27/2012 10:40:00 AM	Pelletier, Karen
AJ Auto Sales	ST000126	11/14/2012 12:10:00 PM	Pelletier, Karen
AL'S AUTO CLINIC	ST000085	2/15/2012 09:05:00 AM	Pelletier, Karen
AL'S AUTO CLINIC	ST000085	5/8/2012 12:45:00 PM	Pelletier, Karen
AL'S AUTO CLINIC	ST000085	7/31/2012 11:25:00 AM	Pelletier, Karen
AL'S AUTO CLINIC	ST000085	10/24/2012 11:55:00 AM	Pelletier, Karen
ANCHOR SUBARU	ST000877	3/2/2012 12:50:00 PM	Pelletier, Karen
ANCHOR SUBARU	ST000877	5/14/2012 10:20:00 AM	Pelletier, Karen
ANCHOR SUBARU	ST000877	8/6/2012 10:00:00 AM	Pelletier, Karen
ANCHOR SUBARU	ST000877	11/27/2012 09:30:00 AM	Pelletier, Karen
ANTONINO'S AUTO SERVICE	ST000748	2/17/2012 10:10:00 AM	Pelletier, Karen
ANTONINO'S AUTO SERVICE	ST000748	5/18/2012 09:15:00 AM	Pelletier, Karen
ANTONINO'S AUTO SERVICE	ST000748	7/18/2012 09:20:00 AM	Pelletier, Karen
ANTONINO'S AUTO SERVICE	ST000748	12/11/2012 09:40:00 AM	Pelletier, Karen
APEX AUTOMOTIVES	ST000096	3/7/2012 01:30:00 PM	Pelletier, Karen
APEX AUTOMOTIVES	ST000096	5/29/2012 11:45:00 AM	Pelletier, Karen
APEX AUTOMOTIVES	ST000096	9/11/2012 12:15:00 PM	Pelletier, Karen
APEX AUTOMOTIVES	ST000096	12/14/2012 11:35:00 AM	Pelletier, Karen
ATWOOD AUTO REPAIR	ST000463	2/15/2012 12:00:00 PM	Pelletier, Karen
ATWOOD AUTO REPAIR	ST000463	5/22/2012 09:35:00 AM	Pelletier, Karen

All Overt Audits

From 1/1/2012 To 12/31/2012

Wally's Auto Sales and Services	ST000532	11/5/2012 12:25:00 PM Pelletier, Karen
Warren Gas and Repair	ST000160	12/12/2012 09:15:00 AM Pelletier, Karen
WARREN TIRE INC.	ST000117	3/7/2012 12:15:00 PM Pelletier, Karen
WARREN TIRE INC.	ST000117	5/29/2012 12:05:00 PM Pelletier, Karen
WARREN TIRE INC.	ST000117	9/11/2012 10:50:00 AM Pelletier, Karen
WARREN TIRE INC.	ST000117	12/14/2012 11:15:00 AM Pelletier, Karen
Warwick Mobil	ST000167	12/14/2012 12:30:00 PM Pelletier, Karen
WARWICK NECK GARAGE INC.	ST000677	1/6/2012 09:40:00 AM Pelletier, Karen
WARWICK NECK GARAGE INC.	ST000677	5/9/2012 09:15:00 AM Pelletier, Karen
WARWICK NECK GARAGE INC.	ST000677	7/23/2012 11:40:00 AM Pelletier, Karen
WARWICK NECK GARAGE INC.	ST000677	11/5/2012 10:25:00 AM Pelletier, Karen
Watkinson Auto	ST000344	3/1/2012 01:10:00 PM Pelletier, Karen
Watkinson Auto	ST000344	6/20/2012 11:15:00 AM Pelletier, Karen
Watkinson Auto	ST000344	9/25/2012 12:20:00 PM Pelletier, Karen
Watkinson Auto	ST000344	12/12/2012 12:30:00 PM Pelletier, Karen
WEST SHORE COLLISION	ST000684	1/6/2012 11:00:00 AM Pelletier, Karen
WEST SHORE COLLISION	ST000684	5/10/2012 11:10:00 AM Pelletier, Karen
WEST SHORE COLLISION	ST000684	7/23/2012 10:45:00 AM Pelletier, Karen
WEST SHORE COLLISION	ST000684	11/5/2012 10:45:00 AM Pelletier, Karen
West Warwick Food Mart	ST000453	1/24/2012 01:30:00 PM Pelletier, Karen
West Warwick Food Mart	ST000453	5/1/2012 07:00:00 AM Pelletier, Karen
West Warwick Food Mart	ST000453	7/1/2012 07:00:00 AM Pelletier, Karen
West Warwick Food Mart	ST000453	10/1/2012 07:00:00 AM Pelletier, Karen
WESTERN HILL AUTO SALES	ST000959	1/5/2012 11:30:00 AM Pelletier, Karen
WESTERN HILL AUTO SALES	ST000959	5/11/2012 10:30:00 AM Pelletier, Karen
WESTERN HILL AUTO SALES	ST000959	8/14/2012 09:55:00 AM Pelletier, Karen
WESTERN HILL AUTO SALES	ST000959	10/22/2012 11:35:00 AM Pelletier, Karen
WICKFORD SERVICE	ST000157	1/25/2012 09:45:00 AM Pelletier, Karen
WICKFORD SERVICE	ST000157	4/10/2012 11:05:00 AM Pelletier, Karen
WICKFORD SERVICE	ST000157	7/10/2012 09:30:00 AM Pelletier, Karen
WICKFORD SERVICE	ST000157	10/10/2012 11:55:00 AM Pelletier, Karen
WILLY'S SHELL	ST000771	1/24/2012 11:25:00 AM Pelletier, Karen
WILLY'S SHELL	ST000771	4/10/2012 11:30:00 AM Pelletier, Karen
WILLY'S SHELL	ST000771	7/2/2012 10:45:00 AM Pelletier, Karen
WILLY'S SHELL	ST000771	10/23/2012 11:55:00 AM Pelletier, Karen
ZINK'S AUTOMOTIVE INC	ST000798	2/24/2012 12:45:00 PM Pelletier, Karen
ZINK'S AUTOMOTIVE INC	ST000798	5/16/2012 11:40:00 AM Pelletier, Karen
ZINK'S AUTOMOTIVE INC	ST000798	8/10/2012 12:30:00 PM Pelletier, Karen
ZINK'S AUTOMOTIVE INC	ST000798	11/9/2012 09:25:00 AM Pelletier, Karen
TOTAL	1201	



STATE OF RHODE ISLAND
MOTOR VEHICLE SAFETY AND EMISSION CONTROL DIVISION
STATION REPORT



RI OFFICIAL STATION # 342 EB

TERRY'S TIRE & AUTO SERVICE, INC.

PHONE #: 766-3270

18 BLACKSTONE ST

WOONSOCKET RI 02895

SAFETY TESTING EQUIPMENT		EMISSIONS TESTING EQUIPMENT		
<input type="checkbox"/> Tire depth gauge	<input type="checkbox"/> Ball joint gauge	<input type="checkbox"/> Analyzer	<input type="checkbox"/> Property Clean	
<input type="checkbox"/> Brake lining gauge	<input type="checkbox"/> Wheel alignment testing equipmen	<input type="checkbox"/> Dynamometer	<input type="checkbox"/> Straps	
<input type="checkbox"/> Brake disc gauge	<input type="checkbox"/> Lift	<input type="checkbox"/> Ramps secured	<input type="checkbox"/> Wheel Chocks	
<input type="checkbox"/> Brake drum gauge	<input type="checkbox"/> Tape measure			
STATION REQUIREMENTS		FUEL CAP TESTER		
<input type="checkbox"/> Outside sign	<input type="checkbox"/> Inspection manual	Calibration tool / Cap on tester?	YES NO <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> License posted	<input type="checkbox"/> Hand stamp	All cap adapters available?	<input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> Safety equipment	<input type="checkbox"/> Work area clean			
OBSERVED INSPECTION TEST?		Test type: OBD <input type="checkbox"/> TRANS <input type="checkbox"/> TSI <input type="checkbox"/>		
YES <input type="checkbox"/> NO <input type="checkbox"/>				
C.I.T. License Number _____	Fuel cap tested properly	YES NO <input type="checkbox"/> <input type="checkbox"/>	Properly safety tested	YES NO <input type="checkbox"/> <input type="checkbox"/>
Vehicle Plate Number _____	Properly emission tested	<input type="checkbox"/> <input type="checkbox"/>	Straps used	<input type="checkbox"/> <input type="checkbox"/>
			Chocks used	<input type="checkbox"/> <input type="checkbox"/>
C.I.T. STATUS		Are all C.I.T.s listed on the analyzer currently employed here?		YES NO <input type="checkbox"/> <input type="checkbox"/>
C.I.T. Name _____	C.I.T. Number _____			
C.I.T. Name _____	C.I.T. Number _____			
C.I.T. Name _____	C.I.T. Number _____			

Remarks / Complaints:

Owner / C.I.T. Signature _____ Date: _____

State Inspector Signature / No. _____ Date: _____

I HAVE CHECKED THE ABOVE PREMISES, THE EQUIPMENT AND INTERVIEWED THE OWNER AND / OR HIS C.I.T.

RN-45

Summary report of gas bench audit

Unit ID	Date	Result	Type
SY020047	1/10/2012 09:19:29 AM	Pass	AuditsBench
SY020016	1/10/2012 09:47:30 AM	Pass	AuditsBench
SY020228	1/10/2012 10:15:16 AM	Fail	AuditsBench
SY020045	1/10/2012 10:41:21 AM	Pass	AuditsBench
SY020196	1/10/2012 11:32:31 AM	Pass	AuditsBench
SY020003	1/10/2012 01:46:18 PM	Fail	AuditsBench
SY020020	1/10/2012 02:19:09 PM	Pass	AuditsBench
SY020069	1/12/2012 09:39:06 AM	Pass	AuditsBench
SY020004	1/12/2012 10:30:07 AM	Pass	AuditsBench
SY020253	1/12/2012 11:22:33 AM	Pass	AuditsBench
SY020067	1/12/2012 12:27:48 PM	Fail	AuditsBench
SY020067	1/12/2012 12:46:29 PM	Pass	AuditsBench
SY020288	1/12/2012 02:44:27 PM	Pass	AuditsBench
SY020096	1/12/2012 03:28:26 PM	Pass	AuditsBench
SY020009	1/13/2012 09:11:26 AM	Pass	AuditsBench
SY020264	1/13/2012 09:53:38 AM	Pass	AuditsBench
SY020231	1/13/2012 11:15:56 AM	Fail	AuditsBench
SY020231	1/13/2012 11:23:12 AM	Pass	AuditsBench
SY020002	1/13/2012 02:14:08 PM	Pass	AuditsBench
SY020254	1/13/2012 02:53:21 PM	Pass	AuditsBench
SY020184	1/13/2012 03:19:54 PM	Pass	AuditsBench
SY020053	1/16/2012 11:45:43 AM	Pass	AuditsBench
SY020116	1/17/2012 10:24:50 AM	Pass	AuditsBench
SY020007	1/17/2012 11:06:22 AM	Pass	AuditsBench
SY020068	1/17/2012 02:03:58 PM	Pass	AuditsBench
SY020066	1/17/2012 02:36:51 PM	Pass	AuditsBench
SY020011	1/19/2012 09:27:10 AM	Pass	AuditsBench
SY020250	1/20/2012 10:39:51 AM	Pass	AuditsBench
SY020273	1/23/2012 09:56:28 AM	Pass	AuditsBench
SY020006	1/23/2012 10:56:33 AM	Pass	AuditsBench
SY020147	1/24/2012 09:08:29 AM	Pass	AuditsBench
SY020296	1/24/2012 09:55:31 AM	Pass	AuditsBench
SY020141	1/24/2012 12:12:13 PM	Pass	AuditsBench
SY020156	1/24/2012 02:10:52 PM	Pass	AuditsBench
SY020297	1/25/2012 09:51:45 AM	Pass	AuditsBench
SY020121	1/25/2012 10:25:38 AM	Pass	AuditsBench
SY020146	1/25/2012 11:07:54 AM	Pass	AuditsBench
SY020173	2/6/2012 09:15:15 AM	Pass	AuditsBench
SY020280	2/6/2012 10:52:34 AM	Pass	AuditsBench
SY020282	2/6/2012 11:32:47 AM	Pass	AuditsBench
SY020278	2/6/2012 12:23:23 PM	Pass	AuditsBench
SY020106	2/6/2012 12:58:55 PM	Fail	AuditsBench
SY020106	2/6/2012 01:09:52 PM	Pass	AuditsBench
SY020076	2/7/2012 11:13:04 AM	Pass	AuditsBench
SY020038	2/13/2012 09:24:17 AM	Pass	AuditsBench
SY020169	2/17/2012 10:23:54 AM	Pass	AuditsBench
SY020215	2/17/2012 11:10:00 AM	Pass	AuditsBench
SY020159	2/17/2012 11:46:08 AM	Pass	AuditsBench
SY020167	2/17/2012 12:41:49 PM	Pass	AuditsBench
SY020257	2/17/2012 01:36:47 PM	Pass	AuditsBench
SY020112	2/20/2012 10:23:33 AM	Pass	AuditsBench
SY020168	2/20/2012 10:49:31 AM	Pass	AuditsBench
SY020093	2/20/2012 11:20:19 AM	Pass	AuditsBench
SY020119	2/20/2012 12:12:33 PM	Pass	AuditsBench
SY020270	2/20/2012 01:03:17 PM	Pass	AuditsBench
SY020157	2/21/2012 09:46:10 AM	Fail	AuditsBench
SY020157	2/21/2012 09:52:40 AM	Pass	AuditsBench
SY020200	2/21/2012 10:41:32 AM	Pass	AuditsBench
SY020204	2/22/2012 10:09:58 AM	Pass	AuditsBench
SY020218	2/22/2012 11:35:17 AM	Pass	AuditsBench
SY020014	2/22/2012 12:08:30 PM	Pass	AuditsBench
SY020071	2/22/2012 01:16:24 PM	Pass	AuditsBench

SY020239	7/27/2012 12:13:58 PM	Pass	AuditsBench
SY020153	7/30/2012 10:17:10 AM	Pass	AuditsBench
SY020295	8/8/2012 09:48:28 AM	Pass	AuditsBench
SY020089	8/8/2012 10:44:34 AM	Pass	AuditsBench
SY020032	8/8/2012 12:16:46 PM	Pass	AuditsBench
SY020085	8/8/2012 12:50:34 PM	Pass	AuditsBench
SY020099	8/8/2012 01:26:37 PM	Pass	AuditsBench
SY020114	8/8/2012 01:58:03 PM	Pass	AuditsBench
SY020123	8/9/2012 10:23:25 AM	Pass	AuditsBench
SY020133	8/9/2012 12:08:25 PM	Pass	AuditsBench
SY020129	8/9/2012 12:48:01 PM	Pass	AuditsBench
SY020055	8/10/2012 09:43:55 AM	Pass	AuditsBench
SY020199	8/10/2012 10:27:00 AM	Pass	AuditsBench
SY020074	8/10/2012 11:01:24 AM	Pass	AuditsBench
SY020258	8/10/2012 11:31:37 AM	Pass	AuditsBench
SY020261	8/10/2012 12:15:42 PM	Pass	AuditsBench
SY020275	8/10/2012 12:39:26 PM	Pass	AuditsBench
SY020021	8/14/2012 12:50:56 PM	Pass	AuditsBench
SY020281	8/15/2012 09:59:25 AM	Pass	AuditsBench
SY020286	8/15/2012 10:51:50 AM	Pass	AuditsBench
SY020244	8/16/2012 10:42:05 AM	Pass	AuditsBench
SY020176	8/20/2012 10:37:31 AM	Pass	AuditsBench
SY020219	8/20/2012 11:05:59 AM	Pass	AuditsBench
SY020120	8/20/2012 11:52:33 AM	Pass	AuditsBench
SY020081	8/21/2012 10:17:12 AM	Pass	AuditsBench
SY020175	8/22/2012 09:55:20 AM	Pass	AuditsBench
SY020285	8/24/2012 09:41:13 AM	Pass	AuditsBench
SY020029	8/24/2012 10:19:23 AM	Pass	AuditsBench
SY020033	8/24/2012 10:57:16 AM	Pass	AuditsBench
SY020161	8/27/2012 10:51:31 AM	Pass	AuditsBench
SY020284	8/27/2012 11:34:55 AM	Pass	AuditsBench
SY020036	8/27/2012 02:59:40 PM	Pass	AuditsBench
SY020083	8/29/2012 10:37:35 AM	Pass	AuditsBench
SY020245	8/29/2012 12:10:54 PM	Pass	AuditsBench
SY020267	8/29/2012 12:39:49 PM	Pass	AuditsBench
SY020248	8/29/2012 01:05:54 PM	Pass	AuditsBench
SY020249	8/31/2012 10:36:26 AM	Pass	AuditsBench
SY020207	9/12/2012 10:54:26 AM	Pass	AuditsBench
SY020072	9/12/2012 02:39:38 PM	Pass	AuditsBench
SY020100	9/12/2012 03:43:00 PM	Pass	AuditsBench
SY020005	9/13/2012 09:16:32 AM	Pass	AuditsBench
SY020291	9/13/2012 11:14:39 AM	Pass	AuditsBench
SY020164	9/13/2012 02:01:55 PM	Fail	AuditsBench
SY020164	9/13/2012 02:12:46 PM	Pass	AuditsBench
SY020132	9/25/2012 12:33:00 PM	Pass	AuditsBench
SY020188	9/26/2012 09:26:02 AM	Pass	AuditsBench
SY020090	9/26/2012 09:53:56 AM	Pass	AuditsBench
SY020138	9/27/2012 12:54:33 PM	Pass	AuditsBench
SY020298	10/16/2012 04:22:37 PM	Pass	AuditsBench
SY020012	10/17/2012 02:54:58 PM	Pass	AuditsBench

Total Audits	304
Total Passed	281
Total Failed	23
Unique Units	291

Bench Audits

From 1/1/2012 To 12/31/2012

Date	Unit	Result	HC	CO	CO2	NOx	O2
1/10/2012 09:19:29 AM	SY020047	Pass	0.00	0.01	0.03	0.00	0.10
1/10/2012 09:47:30 AM	SY020016	Pass	0.00	0.02	0.03	0.00	0.10
1/10/2012 10:15:16 AM	SY020228	Fail	0.00	0.01	0.03	0.00	0.10
1/10/2012 10:41:21 AM	SY020045	Pass	0.00	0.01	0.03	0.00	0.10
1/10/2012 11:32:31 AM	SY020196	Pass	0.00	0.00	0.03	0.00	0.10
1/10/2012 01:46:18 PM	SY020003	Fail	0.00	0.00	0.03	0.00	0.10
1/10/2012 02:19:09 PM	SY020020	Pass	0.00	0.01	0.03	0.00	0.10
1/12/2012 09:39:06 AM	SY020069	Pass	0.00	0.01	0.03	0.00	0.10

Rhode Island Vehicle Inspection Program

Bench Audits

From 1/1/2012 To 12/31/2012

Date	Unit	Result	HC	CO	CO2	NOx	O2																	
9/27/2012 12:54:33 PM	SY020138	Pass	3248	3250	150	P	8.02	8.07	0.40	P	12.04	12.10	0.60	P	2995	3040	450	P	0.00	0.14	0.00	P		
		Pass	1	0	2	10	P	0.00	0.02	0.03	P	0.00	0.10	0.30	P	0	14	30	P	0.00	21.13	0.00	P	
		Pass	2	201	192	10	P	0.50	0.49	0.03	P	6.11	6.00	0.30	P	295	306	45	P	0.00	0.08	0.00	P	
		Pass	3	974	943	48	P	2.42	2.40	0.12	P	3.64	3.50	0.18	P	902	895	135	P	0.00	0.03	0.00	P	
		Pass	4	1912	1875	96	P	4.84	4.82	0.24	P	7.20	7.20	0.36	P	1800	1835	270	P	0.00	0.05	0.00	P	
		Pass	5	3248	3247	150	P	8.02	8.09	0.40	P	12.04	12.20	0.60	P	2995	3051	450	P	0.00	0.08	0.00	P	
Date	Unit	Result	HC	CO	CO2	NOx	O2																	
10/16/2012 04:22:37 PM	SY020298	Pass	3248	3247	150	P	8.02	8.09	0.40	P	12.04	12.20	0.60	P	2995	3051	450	P	0.00	0.08	0.00	P		
		Pass	1	0	1	10	P	0.00	0.02	0.03	P	0.00	0.10	0.30	P	0	3	30	P	0.00	20.11	0.00	P	
		Pass	2	201	198	10	P	0.50	0.50	0.03	P	6.11	6.20	0.30	P	295	296	45	P	0.00	0.09	0.00	P	
		Pass	3	974	927	48	P	2.42	2.38	0.12	P	3.64	3.70	0.18	P	902	872	135	P	0.00	0.08	0.00	P	
		Pass	4	1912	1842	96	P	4.84	4.85	0.24	P	7.20	7.30	0.36	P	1800	1800	270	P	0.00	0.10	0.00	P	
		Pass	5	3248	3195	150	P	8.02	8.14	0.40	P	12.04	12.00	0.60	P	2995	3057	450	P	0.00	0.13	0.00	P	
Date	Unit	Result	HC	CO	CO2	NOx	O2																	
10/17/2012 02:54:58 PM	SY020012	Pass	3248	3247	150	P	8.02	8.09	0.40	P	12.04	12.20	0.60	P	2995	3051	450	P	0.00	0.08	0.00	P		
		Pass	1	0	1	10	P	0.00	0.00	0.03	P	0.00	0.00	0.30	P	0	0	30	P	20.95	21.06	0.00	P	
		Pass	2	201	196	10	P	0.50	0.51	0.03	P	6.11	6.00	0.30	P	295	254	45	P	0.00	0.09	0.00	P	
		Pass	3	974	955	48	P	2.42	2.42	0.12	P	3.64	3.60	0.18	P	902	855	135	P	0.00	0.06	0.00	P	
		Pass	4	1912	1903	96	P	4.84	4.83	0.24	P	7.20	7.20	0.36	P	1800	1846	270	P	0.00	0.08	0.00	P	
		Pass	5	3248	3307	150	P	8.02	8.00	0.40	P	12.04	12.10	0.60	P	2995	3170	450	P	0.00	0.12	0.00	P	
Total Audits			304	281	23	92.4%	7.6%																	

RHODE ISLAND

V-MAS Console

ST

Systech
International

Concentrations

Dilute O2: 20.5 %

Tailpipe O2: 11.9 %

CO2: 5.4 %

HC: 686.1 ppm

CO: 3.4 %

NOx: 363.0 ppm

Pressure: 30.3 mmHg

Temp: 20.8 F

Mass

(milligrams/second)

72.940

1.7527

29.483

0.5126

Dilute Flow: 474.0 cfm

Dilution Ratio: 0.00 %

Exh. Flow: 1.6 cfm

Ambient O2: 20.5 %

V-MAS

Capture Exhaust Flow

Blower On

12

Blower

BlowerOff

ON

Start Sample

Bench Mode

Stop Sample

Standby

Close

Joyce Fiore

From: RI Vehicle Inspection Program [VinSentry@RIVIP.com]
Sent: Tuesday, December 18, 2012 12:57 PM
To: chris.smith@systechportal.com; Joyce Fiore; Frank Stevenson; RichardC@dmv.ri.gov; dstaradumsky@dmv.ri.gov; jpellegrino@dmv.ri.gov; frank.ofiero@systechportal.com; nicholas.fusaro@systechportal.com; janet.blanco@systechportal.com
Subject: VIN Mismatch!

Rhode Island Vehicle Inspection Program

Sent: 12/18/2012 12:56:46 PM	An OBD vin mis-match has been flagged	SW Version 1.4
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<input type="checkbox"/> Mismatched or questionable items highlighted in red <input type="checkbox"/> Matching or supporting items highlighted in green <input type="checkbox"/> Blue highlighted items are informational only	Quick Check ✕ There are no prior supporting records with the same VIN/OBDVIN combination on the VID. Further investigation is recommended.

Inspection Information	Vehicle Information
Station ID: ST000545	Mismatched Characters are highlighted in Red
Station Name: AUTO CENTER BMW	VIN: WBXPA934X4WA61797
Station Address: 1215 W MAIN RD	OBD Vin: WBAAA00000WA61797
Station City: MIDDLETOWN	Delta: 7 mis-matched digits
Station Phone: (401) 847-9600	Plate: JG208
Analyzer #: SY020085	Vehicle Make: BMW
Inspector ID: CIT009944	Vehicle Model: X3
Inspector Name: Kurt Walker	Vehicle Year: 2004
Test Time: 12/18/2012 12:52:32 PM	Fuel Type: G
Sticker Number: 12340125	
Inspection Result: Pass	

OBD Vin Decode Values			
OBD Vin	Model Year	Make	Model
WBAAA00000WA61797	Failed to Decode	Failed to Decode	Failed to Decode
An OBD vin that decodes to a different Make, Model or Year from main VIN may mean a different vehicle was used for data collection, or the vehicle had a replacement ECU module from salvage.			

Previous Tests Performed using WBXPA934X4WA61797 as Primary VIN							
VIN	Test Date	Analyzer	Station	Test Seq	Result	Test #	Inspector

5/14/2013

WBXPA934X4WA61797	11/1/2010 1:03:27 PM	SY020085	ST000545	OBD	Pass	1	CIT009636
WBXPA934X4WA61797	4/22/2008 2:23:57 PM	SP110686	ST000545	Two Speed Idle	Pass	10422	CIT009636

Previous Tests Performed using WBAAA00000WA61797 as Primary VIN							
VIN	Test Date	Analyzer	Station	Test Seq	Result	Test #	Inspector
No record(s) found							

Previous Tests Performed using WBAAA00000WA61797 as OBD VIN							
VIN	Test Date	Analyzer	Station	Test Seq	Result	Test #	Inspector
No record(s) found							

Previous 5 Tests Performed on Analyzer SY020085								
VIN	Test Date	Analyzer	Station	Test Seq	Result	Test #	Inspector	
WBAFU7C57BDU55936	12/18/2012 11:15:26 AM	SY020085	ST000545	OBD	Pass	1	CIT009472	
5UXZW0C50BL657572	12/18/2012 10:28:39 AM	SY020085	ST000545	OBD	Pass	1	CIT009944	
WBAPK53529A512084	12/17/2012 2:26:15 PM	SY020085	ST000545	OBD	Pass	1	CIT009942	
1GBAJ55F16Z130959	12/17/2012 11:58:36 AM	SY020085	ST000545	OBD	Pass	1	CIT009944	
5UXWX5C55BL714264	12/17/2012 10:35:13 AM	SY020085	ST000545	OBD	Pass	1	CIT009472	

OBD Parameters Check			
Parameter Value	Current Test	Previous Test	
PCMDID	18	18	
ECUID	-----	-----	
PidCount	43	45	
Protocol	ISO	ISO	
CVN	07 2E AB B4	D5 6B CE 77	
Voltage	14	14	

Unsupported Monitor Check		
Monitor	Current Test	Previous Test
ReadyCatalyst	Supported	Supported
ReadyCatalystHeated	Unsupported	Unsupported
ReadyEGR	Unsupported	Unsupported
ReadyEvap	Supported	Supported
ReadyAirConditioner	Unsupported	Unsupported
ReadyO2Heater	Supported	Supported
ReadyO2Sensor	Supported	Supported
ReadyMisfire	Supported	Supported

0% = No parameters match

100% = all parameters match

Test Record Validity Confidence (583/1299)

Low

44.9%

Score



High

This percentage provides an 'at a glance' view of the likely validity of a test record. A weighted average of each comparison parameter is used to determine an overall score. A high score indicates a high probability that the test is valid. A low score, on the the other hand, does not imply a high

probability of impropriety. It indicates only that further investigation is recommended.